

Notice of Allowability

Application No.

09/645,619

Examiner

Jamie Vent

Applicant(s)

KURANO ET AL.

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 02/1/2006.
2. ☒ The allowed claim(s) is/are 1-4 and 11-14.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
- ☒ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
- ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
- ☐ Examiner's Amendment/Comment
- ☒ Examiner's Statement of Reasons for Allowance
- ☐ Other _____

DETAILED ACTION

Allowable Subject Matter

Claims 1-4, 11-14 allowed.

The following is an examiner's statement of reasons for allowance:

Barton (US 6,233,389) discloses a multi-channel recording device configured to record data on a disk shaped recording medium as seen in Figure 1. The recording means has the ability to alternately record object data that is obtained by the encoding means and which corresponds to the programs as further seen in Figure 2 and described in Column 4 Lines 23+. Additionally, Barton discloses a receiving means and a control means for the system as disclosed in Column 3 Lines 62+; however fails to disclose the recording data based on a CDA unit and recording management data.

Hirayama et al (US 5,630,006) discloses a multi-scene recording medium for reproducing various scenes chosen from the user. As described in Column 6 Lines 5-23 and further shown in Figure 12 and Column 11 Lines 1-44 the programs are ordered by starting times; however fails to disclose the recording management data for managing object data and reproduction time for controlling the order in which the first and seconds programs are reproduced.

Yasukohchi et al (US 6,278,837) discloses a multichannel recording and reproducing apparatus wherein two programs are received through video input as described in Column 3 Lines 32-49. The two streams are parallel processed for selecting of recording of the desired program. However, it can be seen the prior art of record fails to teach, disclose, or fairly suggest:

“..control means for recording the management data in the management area of the disk-shaped recording medium, wherein the management data controls the reproduction means to reproduce the first and second programs in an order determined by channel numbers or recording start times, wherein said specified data length unit is a CDA unit and the control means records reproduction management data in the management area of the disk-shaped recording medium, separate from the management data for managing the object date, and the reproduction management data controls the reproduction means to reproduce the first and second programs in an order determined by channel numbers or recording start times.”

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

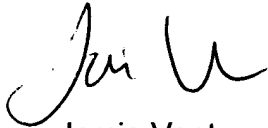
Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jamie Vent whose telephone number is 571-272-7384. The examiner can normally be reached on 7:30am-5:00pm.

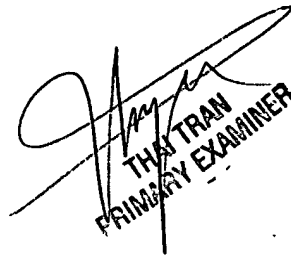
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Jamie Vent
04/13/06



THAI TRAN
PRIMARY EXAMINER